Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of the claims in the application:

1. (Currently amended) A security control apparatus comprising:

a security device;

a control apparatus responsive to security codes for enabling and disabling the security device;

a security code source unit for communicating security codes to the control apparatus, the security code source unit having a user controlled keypad and a voice analysis apparatus and including circuitry responsive to the voice analysis apparatus for generating and communicating to the control apparatus a security code including a portion representing user interaction with the security code source unit, wherein the voice analysis apparatus comprises a speaker dependent voice analysis arrangement <u>for analyzing a first received voice signal</u> and a speaker independent voice analysis arrangement <u>for analyzing a second received voice signal</u>, the speaker independent voice analysis arrangement being activated <u>to analyze the second received voice signal</u> when the speaker dependent voice arrangement fails to identify <u>the first</u> a received voice signal.

2. (Cancelled).

3. (Original) A security control apparatus in accordance with claim 1, wherein the security code source unit comprises memory for storing a pass code entered by a user in association with representations of speech generated by the voice analysis apparatus.

4. (Original) A security control apparatus in accordance with claim 3, wherein the circuitry for communicating responds to predetermined comparison characteristics between a stored speech representation and a spoken speech representation for communicating a security code.

5. (Original) A security control apparatus in accordance with claim 3, wherein a security code communicated to the control apparatus comprises a pass code entered by user interaction with the keypad.

6. (Original) A security control apparatus in accordance with claim 3, wherein a security code communicated to the control apparatus comprises a pass code entered via the voice analysis apparatus.

7. (Currently amended) A security control system comprising:

a speaker dependent voice analysis arrangement for indicating security approval or non-approval

based on first words ~~commands~~ being spoken by a user;

a speaker independent voice analysis arrangement being activated <u>to analyze second words spoken</u> <u>by the user</u> when the speaker dependent voice analysis arrangement indicates non-approval for providing speech analysis information based upon <u>first</u> words being spoken by the user; and

security control apparatus responsive to representations of an indication of security approval by the speaker dependent voice analysis arrangement for generating a security approval signal or responsive to representations of speaker independent voice analysis information for generating a security approval signal.

8.   (Previously presented) A security control system in accordance with claim 7, comprising:

a passcode apparatus responsive to speaker dependent security approval for transmitting a security code comprising a predetermined passcode to a ~~the~~ barrier movement apparatus and the security control apparatus comprises apparatus for generating the security approval signal in response to the predetermined passcode.

9.   (Original) A security control system in accordance with claim 8, wherein the words spoken by the user comprise a passcode and the speaker independent voice analysis arrangement identifies the passcode and transmits the identified passcode to the security control apparatus.

10.   (Original) A security control system in accordance with claim 7, comprising apparatus operative during a learn mode for storing speech representations of a first user's voice speaking the commands;

memory for storing the speech representations.

11.   (Original) A security control system in accordance with claim 7, wherein the speaker dependent voice analysis apparatus is adapted to receive input representing a passcode and apparatus for storing the passcode representations input by the user in association with the stored speech representations.

Claim 12-22 (Cancelled).

23.   (Currently amended) A barrier movement apparatus comprising:

barrier control apparatus responsive to barrier control commands for moving a barrier;

control circuitry responsive to user interaction for generating barrier control commands to control barrier movement, said user interaction comprising security approval before the generation of barrier control commands, wherein the control circuitry comprises a speaker dependent voice analysis arrangement <u>for analyzing first</u> <u>spoken words</u> and a speaker independent voice analysis arrangement <u>for analyzing second spoken words and</u> for granting security approval, the speaker independent voice analysis arrangement being activated when the speaker dependent voice arrangement fails to grant security approval <u>based upon analyzing the first spoken words</u>;

voice analysis arrangement responsive without security approval to at least one predetermined word spoken by a user for generating barrier control commands to change the movement of a barrier.

24. (Original) A barrier movement apparatus in accordance with claim 23 wherein the control circuitry enables the voice analysis arrangement for a predetermined period of time after the generation of a barrier control command to respond without security approval to the at least one spoken word to stop a closing barrier.

25. (Cancelled).

26. (Currently amended) A barrier movement apparatus comprising:
a motor responsive to barrier control commands for operating the barrier;
a speaker dependent voice analysis apparatus responsive to a first predetermined spoken command from a predetermined speaker for controlling the motor to operate the barrier; and
speaker independent voice analysis apparatus being activated subsequent to the activation of the speaker dependent voice analysis apparatus and being responsive to a second spoken command from any speaker for changing barrier movement.

27. (Original) A barrier movement apparatus according to claim 26, wherein the speaker independent voice analysis apparatus is enabled for a predetermined period of time after the motor is directed to operate the barrier.

28. (Original) A barrier movement apparatus according to claim 27, wherein the speaker independent voice analysis apparatus is enabled for a predetermined period of time after the motor is controlled to operate the barrier, to reverse barrier movement.

29. (Original) A barrier movement apparatus according to claim 27, wherein the speaker independent voice analysis apparatus is enabled for a predetermined period of time after the barrier control apparatus is controlled to move the barrier, to stop movement of the barrier.

30. (Currently amended) A barrier movement apparatus comprising:
a control apparatus responsive to security codes for moving and stopping the barrier;
a speaker dependent voice analysis arrangement responsive to a first predetermined command spoken by a predetermined user for communicating a security code to the control apparatus; and
a speaker independent voice analysis arrangement for communicating the security code, the speaker independent voice analysis arrangement being activated to analyze a second predetermined command when the speaker dependent voice arrangement fails to recognize the first predetermined command.

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31. (Original) A barrier movement apparatus in accordance with claim 30, wherein the speaker dependent voice analysis arrangement comprises memory for storing a general security code portion and a user specific security code portion in association with indicia of the predetermined command spoken by the predetermined user and the communicated security code comprises the general security code portion and a user specific security code portion.

32. (Original) A barrier movement apparatus in accordance with claim 31, wherein the memory comprises memory locations for storing a plurality of user specific security code portions.

33. (Original) A barrier movement apparatus in accordance with claim 31, wherein the speaker dependent voice analysis arrangement comprises a keypad for generating a pass code representing user interaction with the keypad and the memory stores the user generated pass code as the user specific security code portion.

34. (Original) A barrier movement apparatus in accordance with claim 33, comprising apparatus responsive to a voice of the predetermined user for storing a representation of the predetermined user's voice in association with a pass code representing user interaction with the keypad.

35. (Original) A barrier movement apparatus in accordance with claim 32, wherein the memory comprises a first plurality of locations for storing semipermanent user specific code portions intended to be changed by user interaction and a second plurality of temporary user specific code portions which are intended to be erased upon the occurrence of an event.

36. (Original) A barrier movement apparatus in accordance with claim 35, wherein the temporary user specific security code portions are erased in response to the passage of a predetermined amount of time.

37. (Original) A barrier movement apparatus in accordance with claim 35, wherein the temporary user specific security code portions are erased in response to a predetermined number of accesses.

Claim 38 (Cancelled).

39. (Original) Barrier movement system in accordance with claim 1, comprising a voice analysis unit for analysis of user spoken words to define a pass code.

40.   (Currently amended) A method of granting security access comprising:
receiving <u>first</u> speech information from a user;
analyzing the <u>first</u> speech information using a speaker dependent analysis and generating a security

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code upon a successfully analyzing the <u>first</u> speech information with the speaker dependent analysis; and

responsive to unsuccessfully analyzing the <u>first</u> speech information with a speaker dependent analysis, <u>subsequently receiving second speech information from the user and</u> initiating the analyzing of the <u>second</u> speech information using a speaker independent voice analysis and generating the security code upon successfully analyzing the <u>second</u> speech information with the speaker independent analysis.